

Title (en)
TYRE COMPRISING A LAYER OF CIRCUMFERENTIAL REINFORCEMENT ELEMENTS

Title (de)
REIFEN MIT EINER SCHICHT AUS UMLAUFENDEN VERSTÄRKUNGSELEMENTEN

Title (fr)
PNEUMATIQUE COMPORTANT UNE COUCHE D'ELEMENTS DE RENFORCEMENT CIRCONFERENCELS

Publication
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Application
EP 15727916 A 20150527

Priority
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Abstract (en)
[origin: WO2015197289A1] Tyre comprising a crown framework formed from at least two working layers having unequal axial widths, one layer C of a rubber mixture being disposed between at least the ends of said working layers, a second layer S of polymer mixture being in contact with at least one working layer and the carcass framework, and the crown framework comprising at least one layer of circumferential reinforcement elements radially arranged between the two working layers. The distance between the end of the axially narrowest working layer and the other working layer C is such that $1.1\varnothing < d < 2.2\varnothing$, \varnothing being the diameter of the reinforcement elements of said circumferential layer; in a meridian plane, the thickness of layer C is essentially constant, said second layer S consists of a filled elastomer mixture having a macro dispersion score $Z \geq 65$ and a maximum value of $\tan(\delta)$, denoted $\tan(\delta)_{\max}$, < 0.100 and the complex dynamic shear modulus G^* thereof, measured at 10% and 60 °C on the return cycle, is > 1.35 MPa.

IPC 8 full level
B60C 9/18 (2006.01)

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